

APPARATUS, SYSTEM, AND METHOD FOR TRANSACTIONAL PEER RECOVERY IN A DATA SHARING CLUSTERING COMPUTER SYSTEM

ABSTRACT OF THE DISCLOSURE

The invention provides an apparatus, system, and method for cluster-wide peer recovery in the event of a computer failure. A failure of a first computer is detected and a recovery module is registered as the first computer. In one embodiment, the recovery module is a peer computer. The recovery module retrieves a privately held undo log data through the authorized assumption of the failure identity associated with the failed first computer, backs out in-flight transaction updates of the first computer, and frees up data resources locked by the first computer.

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